

found no specimens matching those collected by Fernald and Pease. The latter two collected farther down the river than did the former, hence in more brackish water, so it may be that this variety is more tolerant of salinity than is var. *laurentiana*. Var. *arcuans* must be earlier in its flowering than is var. *laurentiana*, for satisfactory fruiting material of the latter can hardly be found in the middle of August, while the former, collected on July 30, had some mature achenes in the heads.

**BIDENS cernua** × **hyperborea**, var. **colpophila**, *hyb. nov.*, planta 1.5–3 dm. alta subsimplex vel cum ramis tenuibus infra munitis; foliis primariis 5–8 cm. longis extendentibus subascendentibusve attenuatis, dentibus acutis utrinque 1–6; capitulis campanulatis vel hemisphaericis ad anthesem erectis; bracteis involucri exterioribus 4–5, extendentibus vel ascendentibus 1–2 cm. longis; achaeniis curvatis in costis prominentibus marginibus suberosis substriatulis.

Plant 1.5–3 dm. tall, subsimple or with weak branches below: leaves of the primary stem 5–8 cm. long, spreading or subascending, attenuate, with 1–6 pairs of sharp teeth: heads campanulate to hemispherical, erect in anthesis; outer involucre bracts 4–5, spreading to ascending, 1–2 cm. long: achenes curved, with prominent midribs and corky margins, obscurely striate.—With the habit of *B. hyperborea*, and the achenes of *B. cernua*.—MAINE: Nonesuch River, Scarborough, September 25, 1924, Norton, Welden & Haren (TYPE in Gray Herb.); Nonesuch River, Scarborough, August 20, 1919, A. H. Norton.

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**ERYSIMUM Pallasii** (Pursh), n. comb.—*Cheiranthus Pallasii* Pursh, Fl. Am. Sept. ii. 436 (1814). *C. pygmaeus* Adams, Mém. Soc. Nat. Mosc. v. 114 (1817). *Hesperis pygmaea* (Pursh) Hook. Fl. Bor.-Am. i. 60, t. 90 (1830). *H. minima* T. & G. Fl. N. A. i. 90 (1838). *H. Hookeri* Ledeb. Fl. Ross. i. 174 (1841). *Erysimum pygmaeum* (Adams) Gay, Erys. Nov. 4 (1842). *Hesp. Pallasii* (Pursh) Seem. Bot. Herald, 24 (1852). *Sisymbrium pygmaeum* (Pursh) Trautv. Act. Hort. Petrop. i. 60 (1871).

This beautiful purple-flowered arctic species has recently been known as *Erysimum pygmaeum* or by those who merge it with *Hesperis* as *H. Pallasii*. The latter combination is generally ascribed to Torrey & Gray, who certainly did not make it. They called it *Hesperis minima*, but added the note: "Sir William Hooker is inclined to refer to this species *Cheiranthus Pallasii*, Pursh, . . . . If his suspicion is confirmed, Pursh's specific name must be adopted."—M. L. FERNALD, Gray Herbarium.